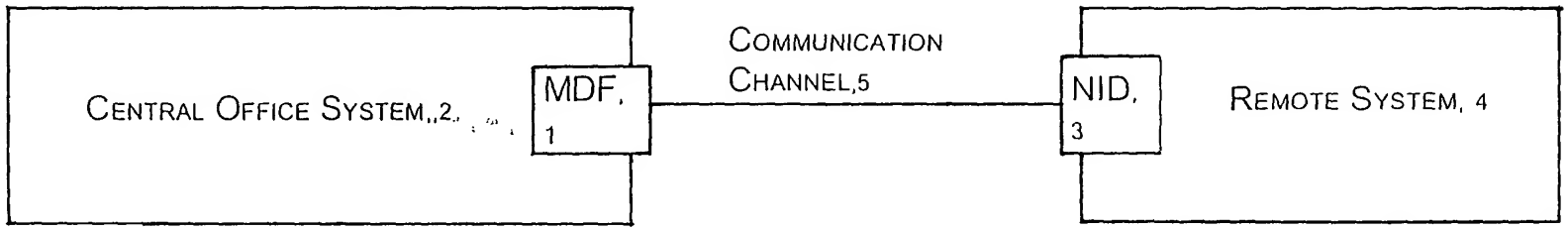

CENTRAL OFFICE SYSTEM,,2,
MDF,
1
COMMUNICATION
CHANNEL,5
NID,
3
REMOTE SYSTEM, 4

FIG. 1

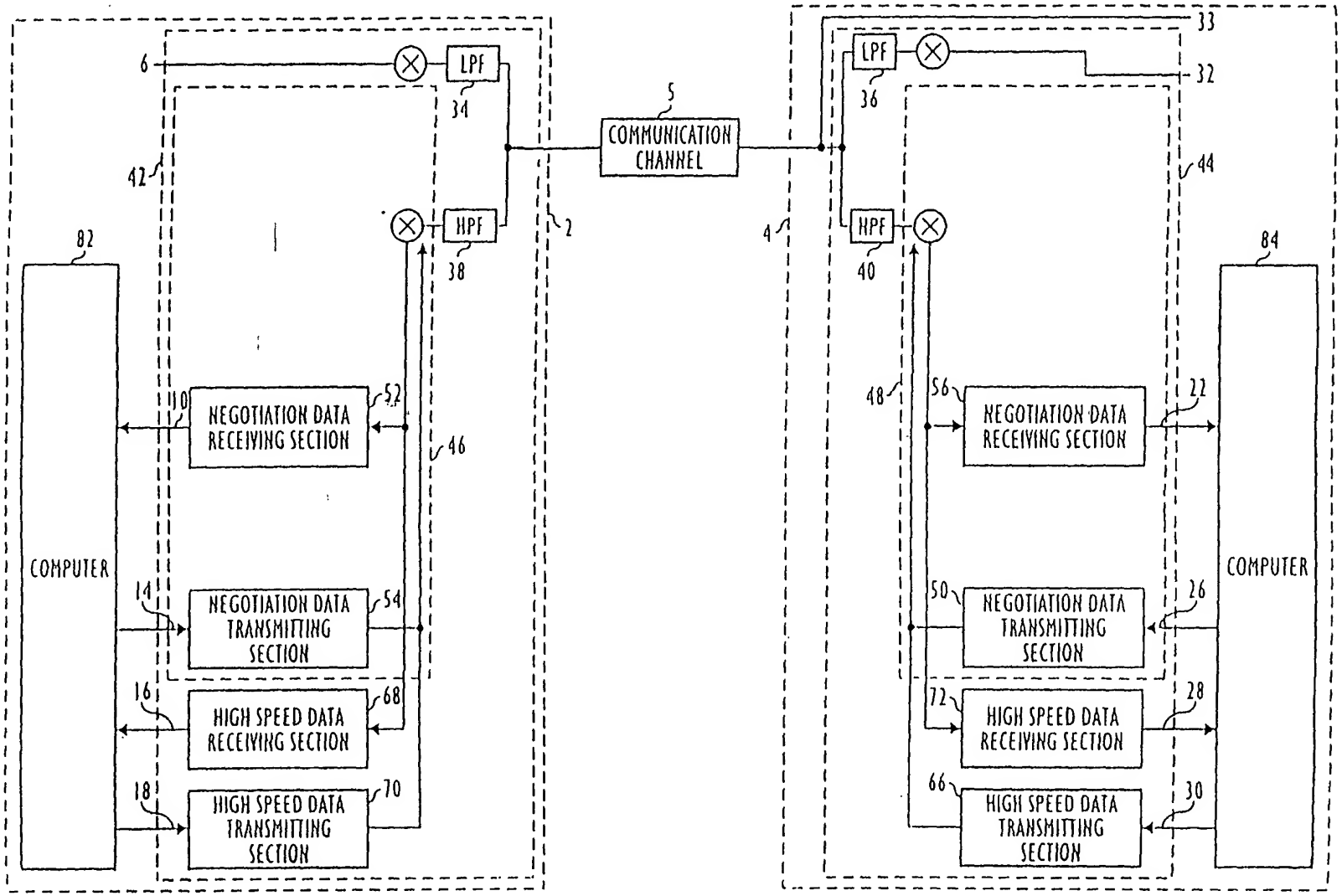
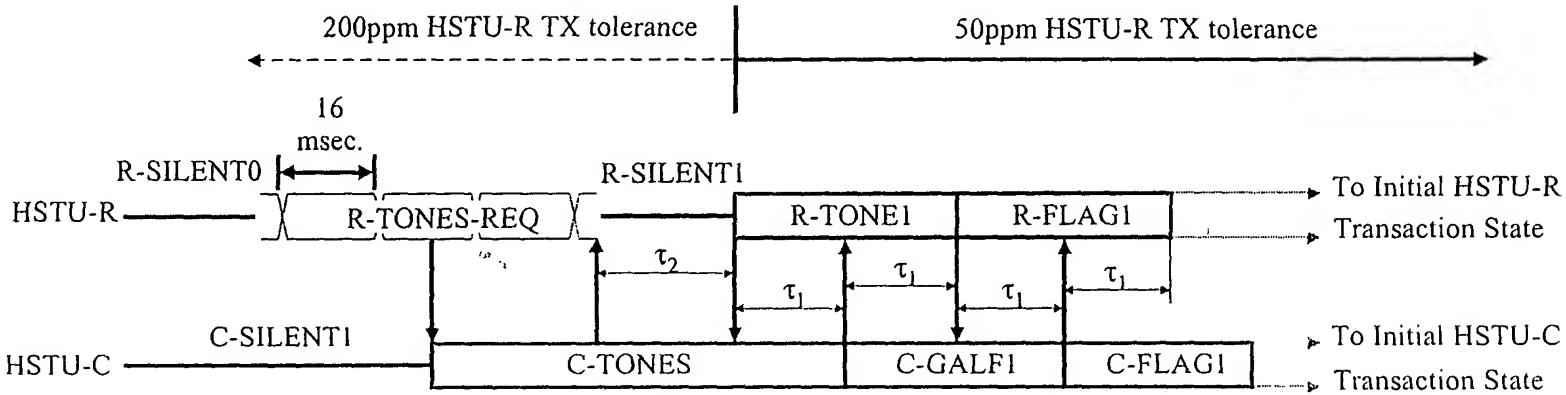

6
LPF
34
5
COMMUNICATION CHANNEL
33
LPF
36
32
42
44
HPF
38
2
4
HPF
40
82
84
110
NEGOTIATION DATA RECEIVING SECTION
52
46
48
56
NEGOTIATION DATA RECEIVING SECTION
22
COMPUTER
14
NEGOTIATION DATA TRANSMITTING SECTION
54
50
NEGOTIATION DATA TRANSMITTING SECTION
26
COMPUTER
16
HIGH SPEED DATA RECEIVING SECTION
68
72
HIGH SPEED DATA RECEIVING SECTION
28
18
HIGH SPEED DATA TRANSMITTING SECTION
70
66
HIGH SPEED DATA TRANSMITTING SECTION
30

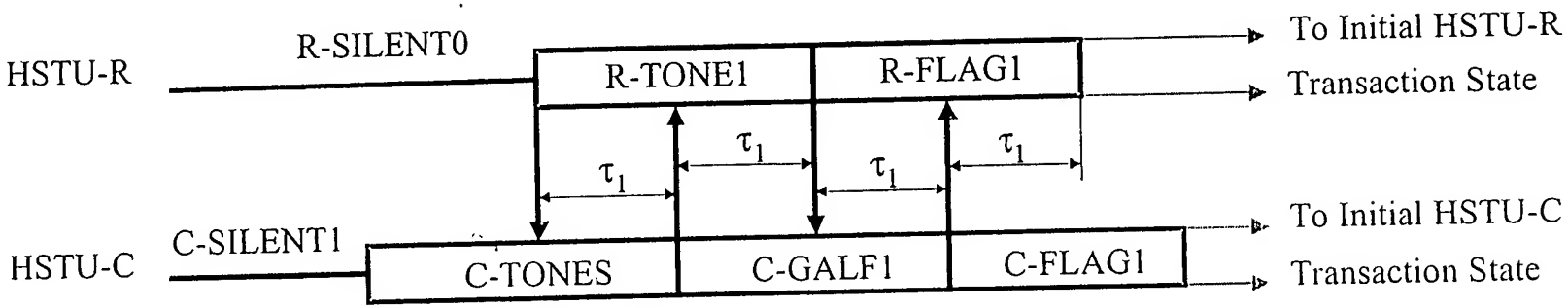
FIG. 2



τ_1 < 500 msec.

50 msec. <τ_2 < 500 msec.

FIG. 3



τ_1 < 500 msec.

FIG. 4

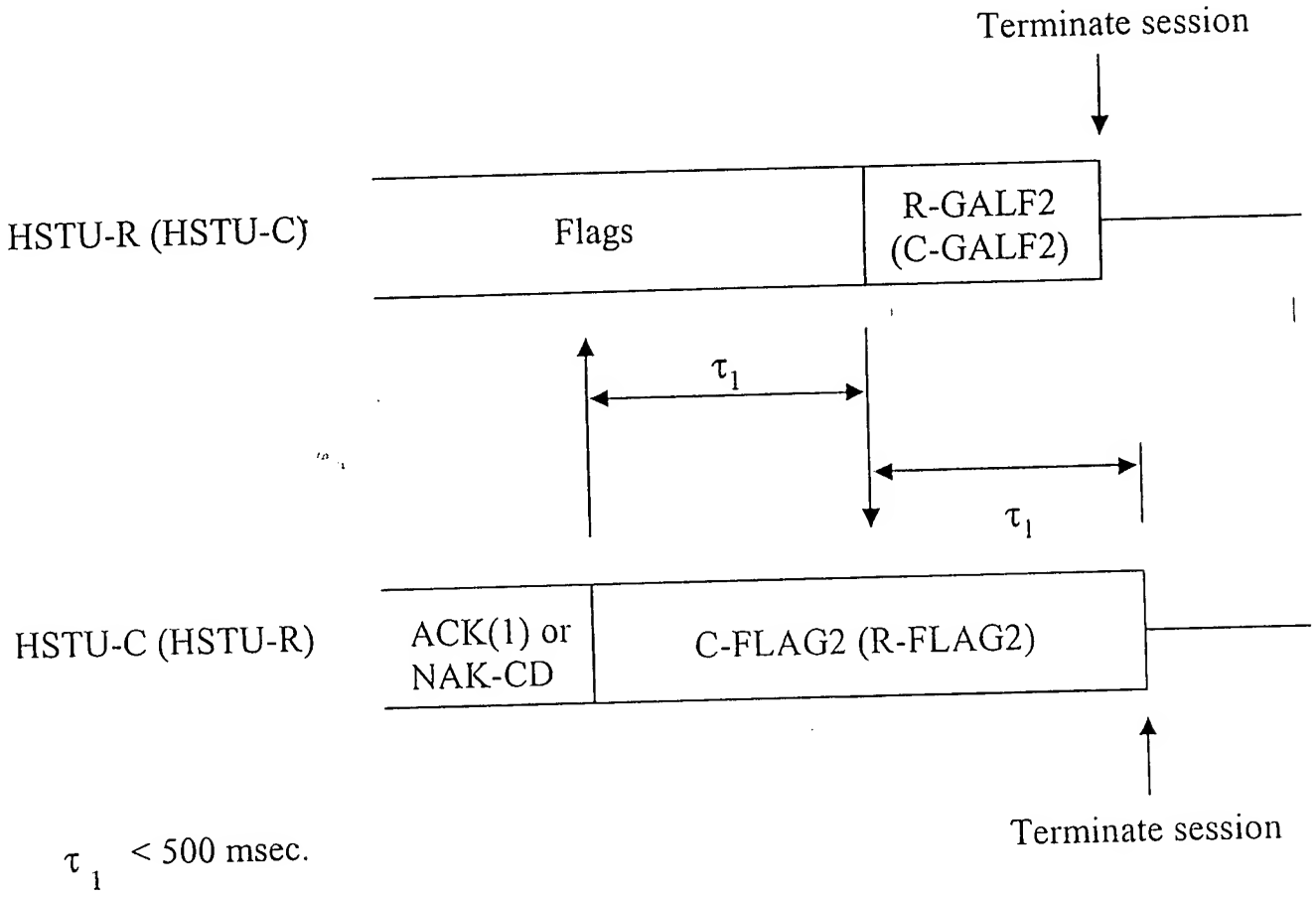

Terminate session
HSTU-R (HSTU-C)
Flags
R-GALF2
(C-GALF2)
τ_1
τ_1
HSTU-C (HSTU-R)
ACK(1) or
NAK-CD
C-FLAG2 (R-FLAG2)
Terminate session
τ_1 < 500 msec.

FIG. 5

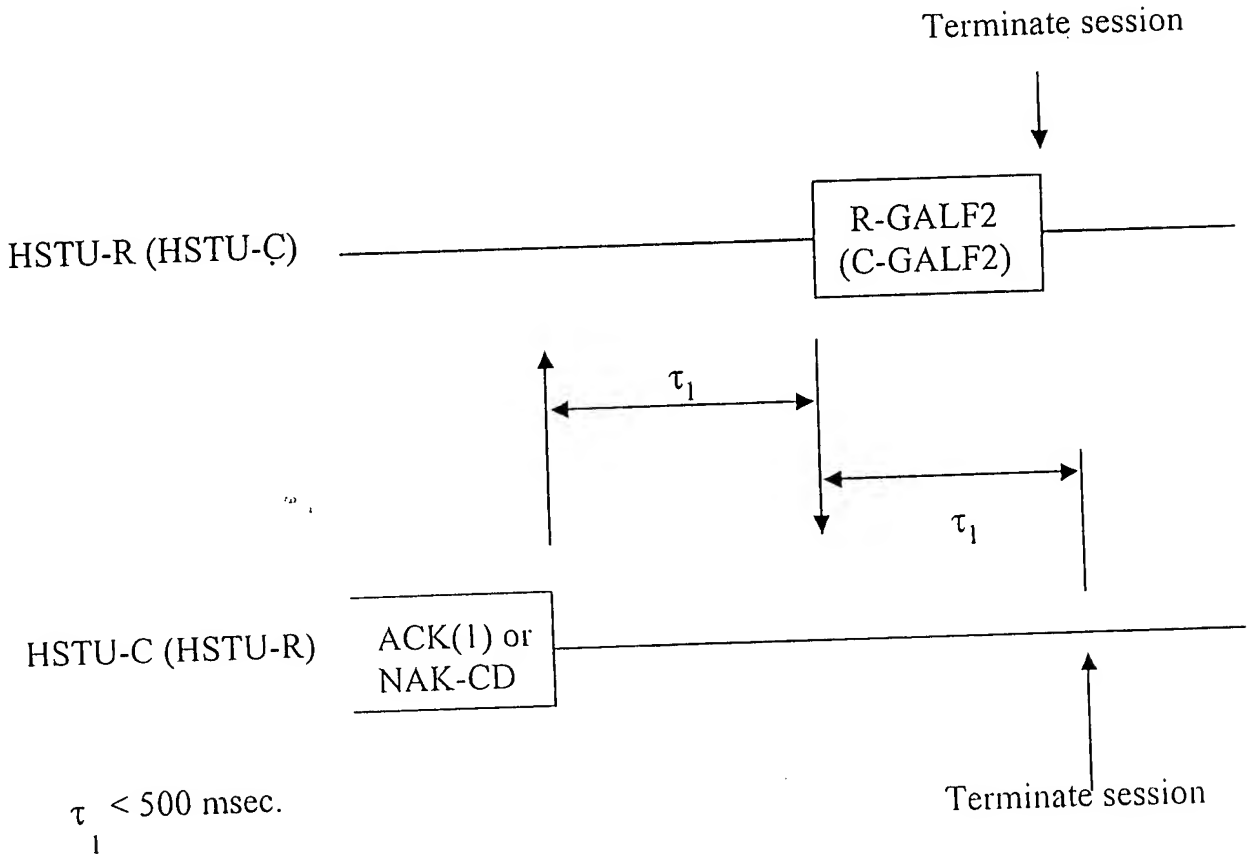

Terminate session
HSTU-R (HSTU-C)
R-GALF2
(C-GALF2)
τ_1
τ_1
HSTU-C (HSTU-R)
ACK(1) or
NAK-CD
Terminate session
τ_1 < 500 msec.

FIG. 6

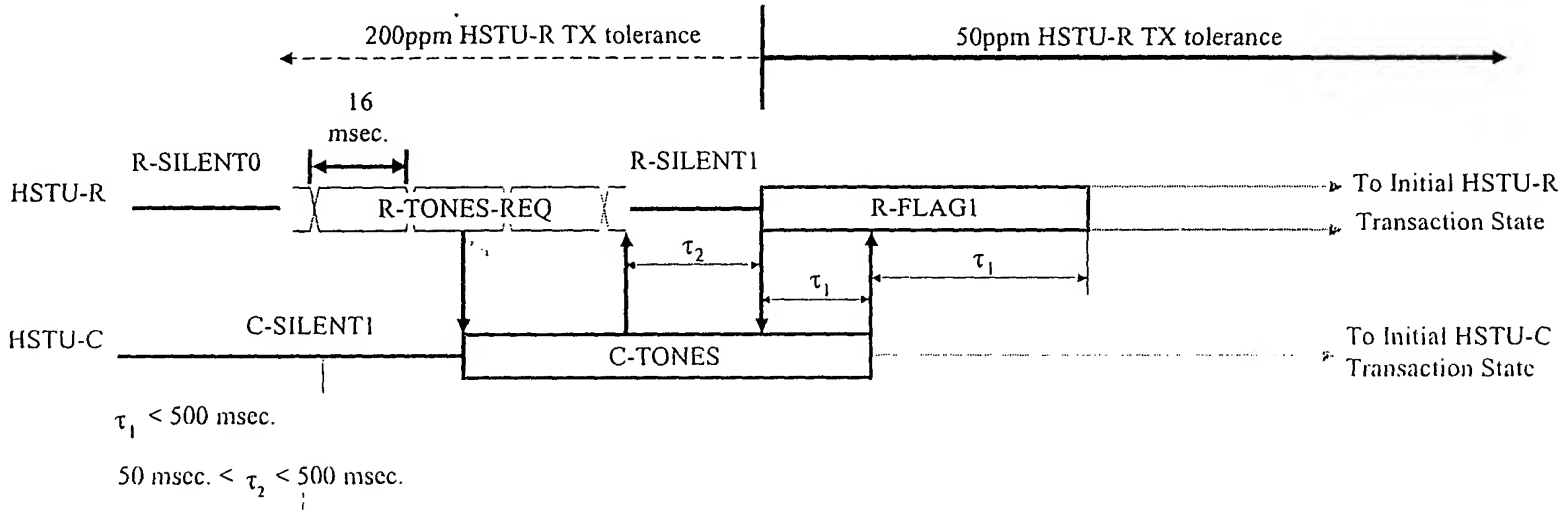
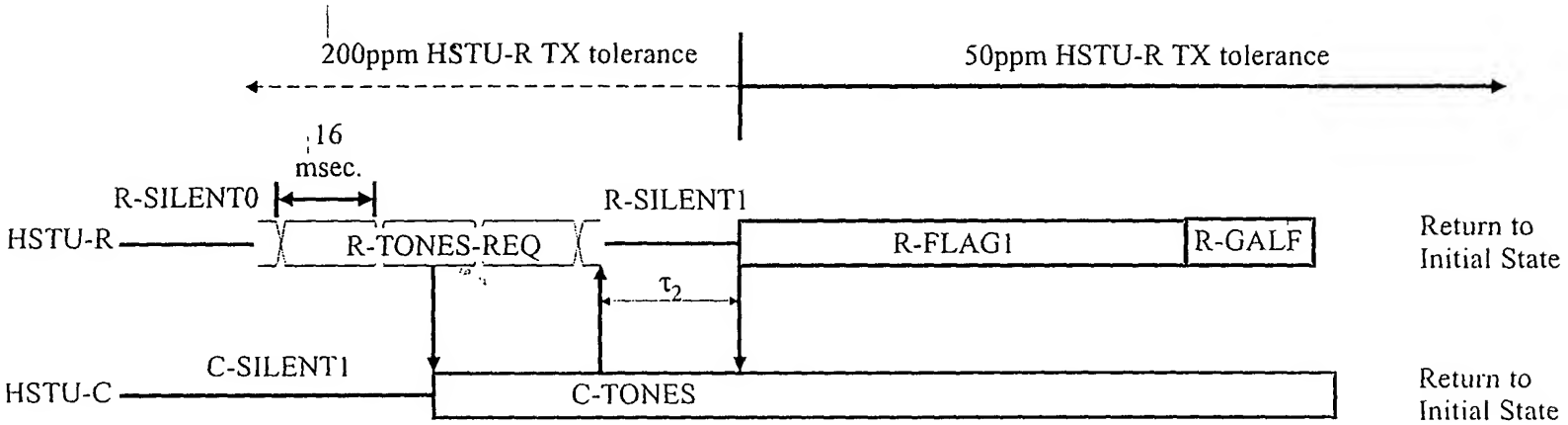

200ppm HSTU-R TX tolerance
50ppm HSTU-R TX tolerance
16
msec.
R-SILENT0
R-SILENT1
HSTU-R
R-TONES-REQ
R-FLAG1
To Initial HSTU-R
Transaction State
τ2
τ1
τ1
HSTU-C
C-SILENT1
C-TONES
To Initial HSTU-C
Transaction State
τ1 < 500 msec.
50 msec. < τ2 < 500 msec.

FIG. 7



50 msec. $< \tau_2 <$ 500 msec.

FIG. 8

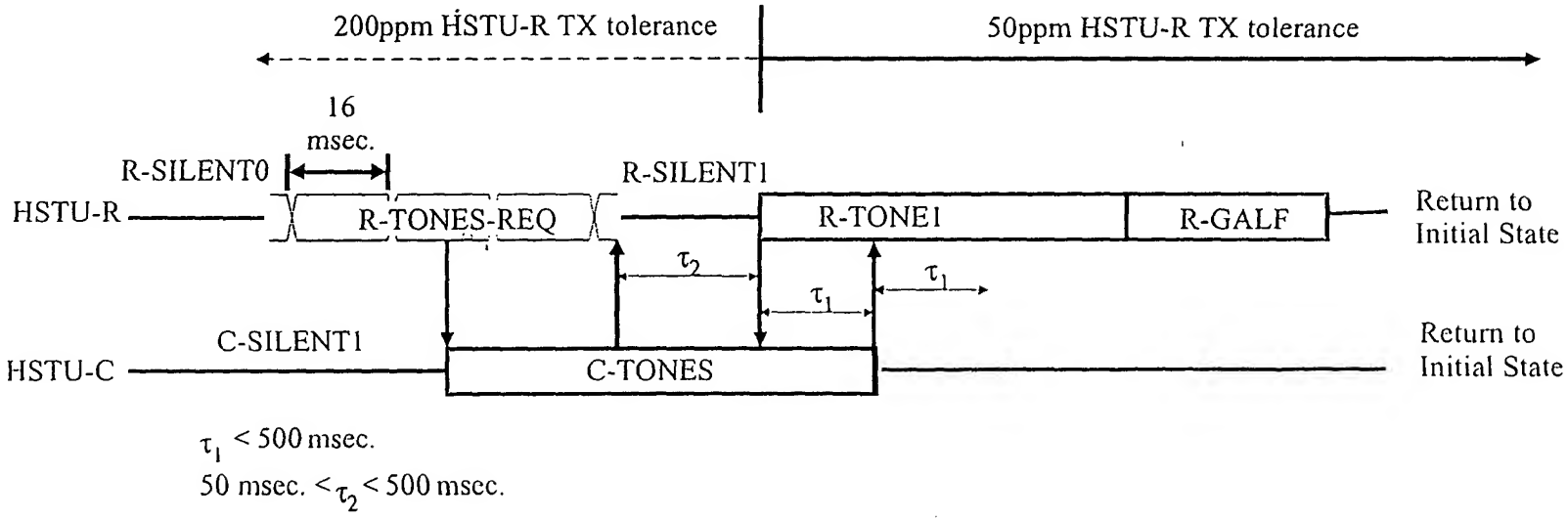
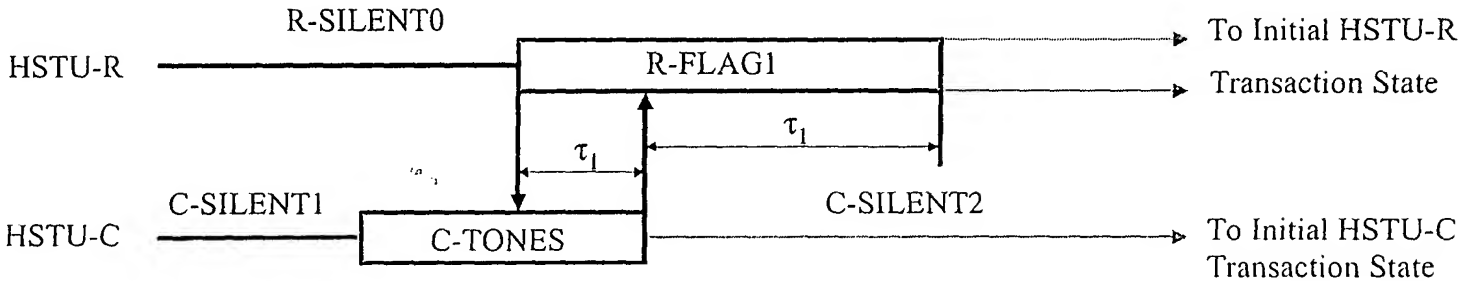
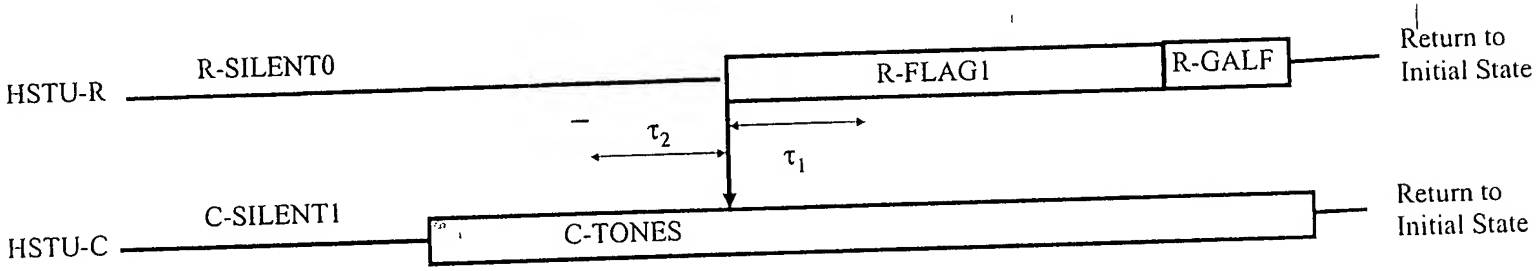

200ppm HSTU-R TX tolerance
50ppm HSTU-R TX tolerance
16
msec.
R-SILENT0
R-SILENT1
HSTU-R
R-TONES-REQ
R-TONE1
R-GALF
Return to
Initial State
τ_2
τ_1
τ_1
C-SILENT1
HSTU-C
C-TONES
Return to
Initial State
τ_1 < 500 msec.
50 msec. < τ_2 < 500 msec.

FIG. 9



$\tau_1 < 500$ msec.

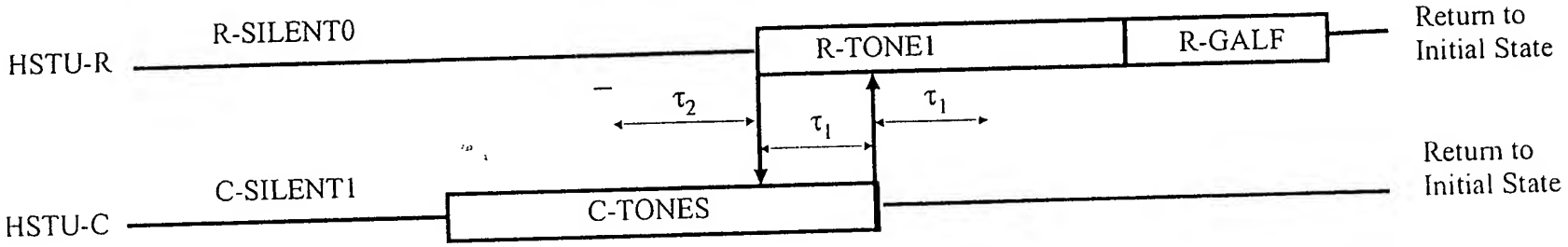
FIG. 10



τ_1 < 500 msec.

50 msec. < τ_2 < 500 msec.

FIG. 11



$\tau_1 < 500$ msec.

50 msec. $< \tau_2 <$ 500 msec.

FIG. 12